## Author-Title Index


Achatz U., see Klein U., et al. **283**, 729
Aerts C., see Mathias P., et al. **283**, 813
Ageorges N., Ménard F., Monin J.-L., Eckart A.: SHARP images of the pre-main sequence star V 536 Aquilae: a highly polarized binary **283**, L5
Ai G., see Liu Y., et al. **283**, 215
Albrecht M.A., Heck A.: StarGates. A database of astronomy, space sciences, and related organizations of the world (Announcement of a database) **283**, 715 ***(103, 473)***
Albrecht M.A., Heck A.: StarWords. A database of abbreviations, acronyms, and symbols in astronomy, space sciences, and related fields (Announcement of a database) **283**, 715 ***(103, 471)***
Alloin D., see Bica E., et al. **283**, 805
Álvarez M., see Belmonte J.A., et al. **283**, 121
Anderson K., see Mangeney A., et al. **283**, 982
Anglada G., see Eiroa C., et al. **283**, 973
Antonopoulou E., see Doyle J.G., et al. **283**, 522
Armstrong J.T., see Quirrenbach A., et al. **283**, L13
Asaoka I., see Fink H.H., et al. **283**, 635
Ashoka B.N., Seetha S., Marar T.M.K., Kasturirangan K., Rao U.R., Bhattacharyya J.C.: High speed photometry of PG 1012−029 **283**, 455
Auffret H., see Muller R., et al. **283**, 232
Auvergne M., see Belmonte J.A., et al. **283**, 121
Babel J.: Detection of calcium abundance stratification in Ap stars **283**, 189
Bachiller R., see Thum C., et al. **283**, 582
Baglin A., see Belmonte J.A., et al. **283**, 121
Balthasar H., see Schmidt W. **283**, 241
Baluteau J.-P., see Péquignot D. **283**, 593
Barbuy B., de Freitas Pacheco J.A., Castro S.: **(RN)** Oxygen abundances in the Large Magellanic Cloud: a prediction of SN II/SN I rates **283**, 32
Barbuy B., see Bica E., et al. **283**, 67
Barker D.M., Moss D.: The nonlinear limitation of nonaxisymmetric mean field dynamos by the large scale Lorentz force **283**, 1009
Barnes J., see Rochester G.K., et al. **283**, 884
Barteldrees A., Dettmar R.-J.: Parameters of stellar disks from CCD surface photometry of edge-on galaxies **283**, 715 ***(103, 475)***
Barth C.S., see Dottori H., et al. **283**, 753
Bayley A.M., Davis R.J., Haggis J.S., Kärcher H.: Thermal effects on the pointing of the 32-m MERLIN radio telescope at Cambridge **283**, 1051
Bedding T.R., Zijlstra A.A.: Angular diameters of compact planetary nebulae **283**, 955
Belinsky V., De Paolis F., Lee H.W., Ruffini R.: Radiation from a relativistic rotating magnetic dipole: magnetic synchrotron effect **283**, 1018
Belloni T., Hasinger G., Izzo C.: Procedures for the interactive analysis of point sources from the ROSAT XRT/PSPC All-Sky Survey **283**, 1037
Belmonte J.A., Michel E., Álvarez M., Jiang S.Y., Chevreton M., Auvergne M., Liu Y.Y., Goupil M.J., Baglin A., Roca Cortés T., Mangeney A., Dolez N., Valtier J.C., Massacrier G., Sareyan J.P., Schmider F.X., Vidal I.: Time-resolved photometry of BN and BU Cancri, two δ Scuti stars in the Praesepe cluster. Fourth photometry campaign of the STEPHI network **283**, 121
Bergeron J., see Petitjean P. **283**, 759
Bernstein H.-H.: Global astrometry of HIPPARCOS double stars within the FAST consortium **283**, 293
Bewick A., see Rochester G.K., et al. **283**, 884
Bhatia R., Piotto G.: Wide area colour magnitude diagrams of the LMC cluster NGC 2214 **283**, 424
Bhattacharyya J.C., see Ashoka B.N., et al. **283**, 455
Bianchini A., see Iijima T., et al. **283**, 919
Bica E., Alloin D., Schmitt H.R.: Integrated spectral properties of star clusters in the near-ultraviolet **283**, 805
Bica E., Ortolani S., Barbuy B.: The globular cluster NGC 6540 **283**, 67
Biémont E., Martin F., Quinet P., Zeippen C.J.: The 4s−4p transitions in neutral phosphorus **283**, 339
Bijaoui A., see Starck J.-L., et al. **283**, 349
Blanco A., Borghesi A., Fonti S., Orofino V.: Amorphous carbon and silicon carbide grain mixtures in the envelopes of carbon stars **283**, 561
Blazit A., see Mourard D., et al. **283**, 705
Bloemen H., see Bykov A. **283**, L1
Bodo G., Massaglia S., Ferrari A., Trussoni E.: Kelvin−Helmholtz instability of hydrodynamic supersonic jets **283**, 655
Bogdan T.J., see Bünte M. **283**, 642
Boller T., see Mas-Hesse J.M., et al. **283**, L9
Bomans D.J., Dennerl K., Kürster M.: Diffuse X-ray emission from the supergiant shell LMC 4 detected with ROSAT **283**, L21
Bonneau D., see Mourard D., et al. **283**, 705
Borghesi A., see Blanco A., et al. **283**, 561
Boselli A., Gavazzi G.: Multifrequency windows on spiral galaxies. III. Internal extinction at optical and near-infrared wavelengths **283**, 12
Bouvier J., see Tessier E., et al. **283**, 827
Braine J., Dupraz C.: Deep CO observations of dominant cluster galaxies with reported cooling flows **283**, 407

Brand J., Cesaroni R., Caselli P., Catarzi M., Codella C., Comoretto G., Curioni G.P., Curioni P., Di Franco S., Felli M., Giovanardi C., Olmi L., Palagi F., Palla F., Panella D., Pareschi G., Rossi E., Speroni N., Tofani G.: The Arcetri catalogue of $H_2O$ maser sources update **283**, 716 ***(103, 541)***
Brand J., Wouterloot J.G.A.: IRAS sources beyond the solar circle. IV. Maps of far-outer Galaxy molecular clouds **283**, 715 ***(103, 503)***
Brandenburg A., see Torkelsson U. **283**, 677
Breimer T.G.: Extraction of the mean radial mass distribution in clusters of galaxies by observations of weak gravitational imaging **283**, 745
Brinkmann W., see Fink H.H., et al. **283**, 635
Bünte M., Bogdan T.J.: Magneto-atmospheric waves subject to Newtonian cooling **283**, 642
Busarello G., Capozziello S., de Ritis R., Longo G., Rifatto A., Rubano C., Scudellaro P.: Apparently periodic Universe **283**, 717
Buscher D.F., see Quirrenbach A., et al. **283**, L13
Butler K., see Pauldrach A.W.A., et al. **283**, 525
Cammerer M., Shchekinov Y.: Large-scale self-regulation in star-forming systems **283**, 845
Capozziello S., see Busarello G., et al. **283**, 717
Carvalho J.C.: Diffusion effect on the dynamo action at high order approximation **283**, 1046
Caselli P., see Brand J., et al. **283**, 716 ***(103, 541)***
Castro S., see Barbuy B., et al. **283**, 32
Catarzi M., see Brand J., et al. **283**, 716 ***(103, 541)***
Cepa J., see Dottori H., et al. **283**, 753
Ceplecha Z.: Earth-grazing daylight fireball of August 10, 1972 **283**, 287
Cesaroni R., see Brand J., et al. **283**, 716 ***(103, 541)***
Chaizy P., see Mangeney A., et al. **283**, 982
Charbonnel C., Vauclair S., Maeder A., Meynet G., Schaller G.: Lithium and beryllium depletion by rotation-induced mixing in the Sun and in galactic cluster stars **283**, 155
Chavarría-K. C., Moreno-Corral M.A., Hernández-Toledo H., Terranegra L., de Lara E.: $H_\alpha$ interferometric, optical and near IR photometric studies of star forming regions. II. The NGC 7380E/Sh2-142/NGC 7380 complex **283**, 963
Chevreton M., see Belmonte J.A., et al. **283**, 121
Christensen-Dalsgaard J., see Monteiro M.J.P.F.G., et al. **283**, 247
Codella C., see Brand J., et al. **283**, 716 ***(103, 541)***
Colavita M.M.: Measurement of the atmospheric limit to narrow-angle interferometric astrometry using the Mark III stellar interferometer **283**, 1027
Collados M., see Rodríguez Hidalgo I., et al. **283**, 263
Comoretto G., see Brand J., et al. **283**, 716 ***(103, 541)***
Contarini G., see Gratton R.G. **283**, 911
Corrigan R., see Rochester G.K., et al. **283**, 884
Couteau P.: Discussion relating to the discovery of 2700 double stars *(Text in French)* **283**, 289
Coyne G.V., see Piirola V., et al. **283**, 163
Craig I.J.D.: Current sheet formation and dissipation in general *X*-point topologies **283**, 331
Curioni G.P., see Brand J., et al. **283**, 716 ***(103, 541)***
Curioni P., see Brand J., et al. **283**, 716 ***(103, 541)***
Davila H., see Kolesnik Y.B. **283**, 714 ***(103, 427)***
Davis R.J., see Bayley A.M., et al. **283**, 1051
Davoust E., see Nieto J.-L., et al. **283**, 1
del Toro Iniesta J.C., see Ruiz Cobo B. **283**, 129
Dennerl K., see Bomans D.J., et al. **283**, L21
Dettmar R.-J., see Barteldrees A. **283**, 715 ***(103, 475)***
de Freitas Pacheco J.A., see Barbuy B., et al. **283**, 32
de Graauw T., see Helmich F.P., et al. **283**, 626
De Greve J.P., see Figueiredo J., et al. **283**, 144
de Grijp M.H.K., see Keel W.C., et al. **283**, 791
de Groot M.J.H., see van Genderen A.M., et al. **283**, 89
de Jong T., see Groenewegen M.A.T. **283**, 463
de Lara E., see Chavarría-K. C., et al. **283**, 963
De Paolis F., see Belinsky V., et al. **283**, 1018
De Pauw M., see Mathias P., et al. **283**, 813
de Ritis R., see Busarello G., et al. **283**, 717
Dhillon V.S., see Rutten R.G.M., et al. **283**, 441
Diaz M.P., Steiner J.E.: Locating the emission line regions in polars: Doppler imaging of VV Puppis **283**, 508
Diethelm R., see Sandage A., et al. **283**, 111
Di Franco S., see Brand J., et al. **283**, 716 ***(103, 541)***
Di G. Sigalotti L.: Successive hierarchical fragmentation of centrally condensed protostellar cores **283**, 858
Dolez N., see Belmonte J.A., et al. **283**, 121
Dottori H., Cepa J., Vilchez J., Barth C.S.: CCD imaging of NGC 4861: morphology and brightness distribution **283**, 753
Doyle J.G., Mitrou C.K., Mathioudakis M., Antonopoulou E.: **(RN)** Ultraviolet flare activity on the eclipsing binary SZ Piscium **283**, 522
Duorah H.L., Phukon T.C.: Effect of compressibility on nuclear matter in a neutron star crust **283**, 867
Dupraz C., see Braine J. **283**, 407
Duquennoy A., see Mermilliod J.-C., et al. **283**, 515
Eckart A., see Ageorges N., et al. **283**, L5
Efremov V., see Maisack M., et al. **283**, 841
Eiroa C., Miranda L.F., Anglada G., Estalella R., Torrelles J.M.: Herbig–Haro objects associated with extremely young sources in L 1527 and L 1448 **283**, 973
Enome S., see Mangeney A., et al. **283**, 982
Estalella R., see Eiroa C., et al. **283**, 973
Felli M., see Brand J., et al. **283**, 716 ***(103, 541)***
Ferrari A., see Bodo G., et al. **283**, 655
Figueiredo J., De Greve J.P., Hilditch R.W.: OB-type binaries: models versus observations **283**, 144
Fink H.H., Asaoka I., Brinkmann W., Kawai N., Koyama K.: The X-ray continuum of Tycho's remnant measured with Ginga **283**, 635
Fonti S., see Blanco A., et al. **283**, 561
Forsyth R., see Mangeney A., et al. **283**, 982
Fouqué P., see Quintana H., et al. **283**, 722
Gavazzi G., see Boselli A. **283**, 12
Gavryusev V., Gavryuseva E.: Time variations of the $^{37}Ar$ production rate in the chlorine solar neutrino experiment **283**, 978
Gavryuseva E., see Gavryusev V. **283**, 978
Giampapa M.S., see Randich S., et al. **283**, 893
Gillet D., see Mathias P., et al. **283**, 813
Giovanardi C., see Brand J., et al. **283**, 716 ***(103, 541)***
Goupil M.J., see Belmonte J.A., et al. **283**, 121
Gratton R.G., Contarini G.: Elemental abundances in the old open clusters NGC 2243 and Melotte 66 **283**, 911
Graziani M., see Zhang H.L., et al. **283**, 319
Greiner J., Moskalenko E.I.: Re-analysis of three archival optical objects on Odessa plates **283**, 693
Groenewegen M.A.T., de Jong T.: Synthetic AGB evolution. III. The influence of different mass-loss laws **283**, 463
Groesbeck T.D., see Helmich F.P., et al. **283**, 626
Haberl F.: ROSAT soft X-ray observations of the Be/X-ray binary X Persei **283**, 175
Haensel P., Pichon B.: Experimental nuclear masses and the ground state of cold dense matter **283**, 313
Haggis J.S., see Bayley A.M., et al. **283**, 1051

Hamann W.-R., see Leuenhagen U. **283**, 567
Hasinger G., see Belloni T., et al. **283**, 1037
Heber U., see Leuenhagen U., et al. **283**, 714 ***(103, 445)***
Heck A., see Albrecht M.A. **283**, 715 ***(103, 471)***
Heck A., see Albrecht M.A. **283**, 715 ***(103, 473)***
Helmich F.P., Jansen D.J., de Graauw T., Groesbeck T.D., van Dishoeck E.F.: Physical and chemical variations within the W 3 star-forming region. I. $SO_2$, $CH_3OH$ and $H_2CO$ **283**, 626
Hénoux J.-C., see Karlický M. **283**, 202
Hernández-Toledo H., see Chavarría-K. C., et al. **283**, 963
Heynderickx D.: Geneva seven-colour photometry and frequency analysis of the δ Scuti star HD 105513 **283**, 835
Hilditch R.W., see Figueiredo J., et al. **283**, 144
Hiotelis N.: Kinematic properties of anisotropic models of spherical galaxies **283**, 783
Hoang S., see Mangeney A., et al. **283**, 982
Horne K., see Rutten R.G.M., et al. **283**, 441
Hummel C.A., see Quirrenbach A., et al. **283**, L13
Hunsinger J., see Pauldrach A.W.A., et al. **283**, 525
Iijima T., Strafella F., Sabbadin F., Bianchini A.: High velocity and rapidly variable emission features in the spectra of RS Ophiuchi and CH Cygni **283**, 919
Israel F.P., see Melisse J.P.M. **283**, 714 ***(103, 391)***
Istomin Y.N.: Interaction of a pulsar with interstellar matter **283**, 85
Izzo C., see Belloni T., et al. **283**, 1037
Jansen D.J., see Helmich F.P., et al. **283**, 626
Jeffery C.S., see Leuenhagen U., et al. **283**, 714 ***(103, 445)***
Jiang S.Y., see Belmonte J.A., et al. **283**, 121
Johnston H.M., see Picard A. **283**, 76
Jordan S., Mürset U., Werner K.: A model for the X-ray spectrum of the symbiotic nova RR Telescopii **283**, 475
Kärcher H., see Bayley A.M., et al. **283**, 1051
Kandrup H.E., Willmes D.E.: Collisional relaxation in a nonintegrable potential **283**, 59
Karlický M., Hénoux J.-C.: Space and time distribution of hard X-ray emission in a loop at the beginning of a flare **283**, 202
Kasturirangan K., Marar T.M.K., Padmini V.N., Prasad N.L., Rao U.R., Seetha S.: Observations from the gamma-ray burst experiment onboard the SROSS-C satellite **283**, 435
Kasturirangan K., see Ashoka B.N., et al. **283**, 455
Kasturirangan K., see Marar T.M.K., et al. **283**, 698
Kawai N., see Fink H.H., et al. **283**, 635
Keel W.C., de Grijp M.H.K., Miley G.K., Zheng W.: Warm IRAS sources from the Point Source Catalog. III. Emission-line properties, correlations, and AGN unified models **283**, 791
Kendziorra E., see Maisack M., et al. **283**, 841
Klein K.-L., see Lefèvre E., et al. **283**, 483
Klein U., Mack K.-H., Strom R., Wielebinski R., Achatz U.: A high-frequency radio continuum investigation of giant radio galaxies. I. Observations of six objects at 2.8 cm wavelength **283**, 729
Kolesnik Y.B., Davila H.: The second Quito astrolabe catalogue **283**, 714 ***(103, 427)***
Kolesnik Y.B.: Construction of the Second Quito Astrolabe Catalogue **283**, 997
Koyama K., see Fink H.H., et al. **283**, 635
Kudritzki R.P., see Pauldrach A.W.A., et al. **283**, 525
Kürster M., see Bomans D.J., et al. **283**, L21
Kuulkers E., see Rutten R.G.M., et al. **283**, 441
Labeyrie A., see Mourard D., et al. **283**, 705
Lacombe F., see Tessier E., et al. **283**, 827
Lanzerotti L.J., see Mangeney A., et al. **283**, 982
Larsson S., see Piirola V., et al. **283**, 163
Lee H.W., see Belinsky V., et al. **283**, 1018
Lefèvre E., Klein K.-L., Lestrade J.-F.: Variability of quiescent and flaring radio emission in RS CVn and Algol-type binary systems **283**, 483
Leone F., Trigilio C., Umana G.: Radio emission from magnetic chemically peculiar stars: results of the 1992 VLA survey **283**, 908
Lestrade J.-F., see Lefèvre E., et al. **283**, 483
Leuenhagen U., Hamann W.-R.: V 348 Sagittarii: analysis of the [WC 12] stellar spectrum **283**, 567
Leuenhagen U., Heber U., Jeffery C.S.: High-resolution optical spectroscopy of the hot R CrB star V 348 Sagittarii **283**, 714 ***(103, 445)***
Lin R.P., see Mangeney A., et al. **283**, 982
Lindgren H., see Pasquini L. **283**, 179
Liu Y., Zhang H., Ai G., Wang H., Zirin H.: The evolution of magnetic network elements in the quiet Sun **283**, 215
Liu Y.Y., see Belmonte J.A., et al. **283**, 121
Livingston W., see Solanki S.K., et al. **283**, 221
Longo G., see Busarello G., et al. **283**, 717
Lopez B., see Starck J.-L., et al. **283**, 349
Mack K.-H., see Klein U., et al. **283**, 729
Maeder A., see Charbonnel C., et al. **283**, 155
Maisack M., Kendziorra E., Pan H.C., Skinner G.K., Pietsch W., Reppin C., Efremov V., Sunyaev R.: Thermal comptonisation in 4U 1700-377 **283**, 841
Mangeney A., Pick M., Hoang S., Chaizy P., Anderson K., Lanzerotti L.J., Lin R.P., Sarris E.T., Forsyth R., Phillips J.L., Enome S.: Observations by Ulysses of a pure electron event and its associated type III radio emission of 15 December 1990 **283**, 982
Mangeney A., see Belmonte J.A., et al. **283**, 121
Marar T.M.K., see Ashoka B.N., et al. **283**, 455
Marar T.M.K., see Kasturirangan K., et al. **283**, 435
Marar T.M.K., Sharma M.R., Seetha S., Upadhyaya N., Padmini V.N., Umapathy C.N., Prasad N.L., Murthy N.S.R., Sreenivasaiah K.V., Kasturirangan K., Rao U.R.: The gamma-ray burst experiment onboard the SROSS-C satellite **283**, 698
Marchal J., see Michard R. **283**, 779
Marchetti E., see Ragazzoni R. **283**, L17
Martin F., see Biémont E., et al. **283**, 339
Martín-Pintado J., see Thum C., et al. **283**, 582
Marzari F., Vanzani V.: Dynamical evolution of interplanetary dust particles **283**, 275
Mas-Hesse J.M., Rodríguez-Pascual P.M., Sanz Fernández de Córdoba L., Boller T.: UV variability of IRAS 13224−3809, a rapidly X-ray variable far-infrared luminous galaxy **283**, L9
Massacrier G., see Belmonte J.A., et al. **283**, 121
Massaglia S., see Bodo G., et al. **283**, 655
Mathias P., Aerts C., De Pauw M., Gillet D., Waelkens C.: A spectroscopic analysis of the β Cephei star α Lupi **283**, 813
Mathioudakis M., see Doyle J.G., et al. **283**, 522
Matthews H.E., see Thum C., et al. **283**, 582
Matthews J.M., Moffat A.F.J.: WR 40: coherence or chaos? **283**, 493
Mayor M., see Mermilliod J.-C., et al. **283**, 515
Melisse J.P.M., Israel F.P.: Global properties of dwarf galaxies. I. Galaxy sample and IRAS infrared flux-densities **283**, 714 ***(103, 391)***
Ménard F., see Ageorges N., et al. **283**, L5
Merlin G., see Mourard D., et al. **283**, 705

Mermilliod J.-C., Duquennoy A., Mayor M.: Investigation of the Praesepe cluster. II. Three triple systems: KW 365, 367 and 495 **283**, 515
Meynet G., see Charbonnel C., et al. **283**, 155
Michard R., Marchal J.: **(RN)** Quantitative morphology of E–S0 galaxies. II. Possible environmental effects on the properties of lenticulars **283**, 779
Michel E., see Belmonte J.A., et al. **283**, 121
Miley G.K., see Keel W.C., et al. **283**, 791
Miranda L.F., see Eiroa C., et al. **283**, 973
Mitrou C.K., see Doyle J.G., et al. **283**, 522
Moffat A.F.J., see Matthews J.M. **283**, 493
Monin J.-L., see Ageorges N., et al. **283**, L5
Montavon C.A.P., see Solanki S.K., et al. **283**, 221
Monteiro M.J.P.F.G., Christensen-Dalsgaard J., Thompson M.J.: Seismic study of overshoot at the base of the solar convective envelope **283**, 247
Morand F., see Mourard D., et al. **283**, 705
Moreno-Corral M.A., see Chavarría-K. C., et al. **283**, 963
Moskalenko E.I., see Greiner J. **283**, 693
Moss D., see Barker D.M. **283**, 1009
Mourard D., Tallon-Bosc I., Blazit A., Bonneau D., Merlin G., Morand F., Vakili F., Labeyrie A.: The GI2T interferometer on Plateau de Calern **283**, 705
Moussas X., see Polygiannakis J.M. **283**, 990
Mozurkewich D., see Quirrenbach A., et al. **283**, L13
Müller T., Rosa M.R., Röser S.: Astrometry in the Galactic Center region **283**, L29
Mürset U., see Jordan S., et al. **283**, 475
Muller P.: *Erratum* Double star measurements made at Nice *(Text in French)* **283**, 716 ***(103**, 597)*
Muller R., Roudier T., Vigneau J., Auffret H.: The proper motion of network bright points and the heating of the solar corona **283**, 232
Murthy N.S.R., see Marar T.M.K., et al. **283**, 698
Nieto J.-L., Poulain P., Davoust E.: The nature of elongated ellipticals **283**, 1
Nieto J.-L., see Poulain P. **283**, 716 ***(103**, 573)*
Olmi L., see Brand J., et al. **283**, 716 ***(103**, 541)*
Orofino V., see Blanco A., et al. **283**, 561
Ortolani S., see Bica E., et al. **283**, 67
Ostrowski M.: Efficiency of the second-order Fermi acceleration at parallel shock waves **283**, 344
Ottmann R., Schmitt J.H.M.M.: A long-duration X-ray flare on the RS Canum Venaticorum binary AR Lacertae observed with ROSAT **283**, 871
Padmini V.N., see Kasturirangan K., et al. **283**, 435
Padmini V.N., see Marar T.M.K., et al. **283**, 698
Palagi F., see Brand J., et al. **283**, 716 ***(103**, 541)*
Palla F., see Brand J., et al. **283**, 716 ***(103**, 541)*
Pallavicini R., see Randich S., et al. **283**, 893
Pan H.C., see Maisack M., et al. **283**, 841
Panella D., see Brand J., et al. **283**, 716 ***(103**, 541)*
Pareschi G., see Brand J., et al. **283**, 716 ***(103**, 541)*
Pasquini L., Lindgren H.: Chromospheric activity in Population II binaries **283**, 179
Pauldrach A.W.A., Kudritzki R.P., Puls J., Butler K., Hunsinger J.: Radiation-driven winds of hot luminous stars. XII. A first step towards detailed UV-line diagnostics of O-stars **283**, 525
Pelló R., see Vílchez-Gómez R., et al. **283**, 37
Péquignot D., Baluteau J.-P.: The identification of krypton, xenon, and other elements of rows 4, 5, and 6 of the periodic table in the planetary nebula NGC 7027 **283**, 593
Perrier C., see Starck J.-L., et al. **283**, 349
Perrin J.-M.: **(RN)** Corrections to an expression for the oscillator strength of hydrogen **283**, 1025
Petitjean P., Bergeron J.: C IV QSO absorption systems and properties of galactic haloes at high redshift **283**, 759
Phillips J.L., see Mangeney A., et al. **283**, 982
Phukon T.C., see Duorah H.L. **283**, 867
Picard A., Johnston H.M.: A comparison of methods for determining the centers of globular clusters **283**, 76
Pichon B., see Haensel P. **283**, 313
Pick M., see Mangeney A., et al. **283**, 982
Pietsch W., see Maisack M., et al. **283**, 841
Piirola V., Coyne G.V., Takalo S.J.L., Larsson S., Vilhu O.: UBVRI polarimetry of AM Herculis-type binaries. V. The asynchronous (?) polar BY Camelopardalis (H0538+608) **283**, 163
Piotto G., see Bhatia R. **283**, 424
Planesas P., see Thum C., et al. **283**, 582
Polnarev A.G., Rees M.J.: Binary black hole in a dense star cluster **283**, 301
Polygiannakis J.M., Moussas X.: Fractal properties of the interplanetary magnetic field fluctuations: indications of chaotic dynamics **283**, 990
Poulain P., Nieto J.-L.: *UBVRI* photoelectric photometry of bright southern early-type galaxies **283**, 716 ***(103**, 573)*
Poulain P., see Nieto J.-L., et al. **283**, 1
Pradhan A.K., see Zhang H.L., et al. **283**, 319
Prasad N.L., see Kasturirangan K., et al. **283**, 435
Prasad N.L., see Marar T.M.K., et al. **283**, 698
Puls J., see Pauldrach A.W.A., et al. **283**, 525
Quenby J.J., see Rochester G.K., et al. **283**, 884
Quinet P., see Biémont E., et al. **283**, 339
Quintana H., Fouqué P., Way M.J.: The odd group of galaxies around NGC 1400/1407 **283**, 722
Quirrenbach A., Buscher D.F., Mozurkewich D., Hummel C.A., Armstrong J.T.: Maximum-entropy maps of the Be shell star ζ Tauri from optical long-baseline interferometry **283**, L13
Ragazzoni R., Marchetti E.: A liquid adaptive mirror **283**, L17
Randich S., Giampapa M.S., Pallavicini R.: Lithium in RS Canum Venaticorum binaries and related chromospherically active stars. III. Northern RS CVn systems **283**, 893
Rao U.R., see Ashoka B.N., et al. **283**, 455
Rao U.R., see Kasturirangan K., et al. **283**, 435
Rao U.R., see Marar T.M.K., et al. **283**, 698
Rees M.J., see Polnarev A.G. **283**, 301
Reppin C., see Maisack M., et al. **283**, 841
Rifatto A., see Busarello G., et al. **283**, 717
Roca Cortés T., see Belmonte J.A., et al. **283**, 121
Rochester G.K., Barnes J., Sidher S., Sumner T.J., Bewick A., Corrigan R., Quenby J.J.: Observation of Hercules X-1 with the ROSAT wide field camera **283**, 884
Rodríguez-Pascual P.M., see Mas-Hesse J.M., et al. **283**, L9
Rodríguez Hidalgo I., Collados M., Vázquez M.: Variations of properties of the quiet photosphere along the equator and the central meridian: spectroscopic results **283**, 263
Röser S., see Müller T., et al. **283**, L29
Rosa M.R., see Müller T., et al. **283**, L29
Rossi E., see Brand J., et al. **283**, 716 ***(103**, 541)*
Roudier T., see Muller R., et al. **283**, 232
Rubano C., see Busarello G., et al. **283**, 717
Ruder H., see Schastok J., et al. **283**, 650
Ruffini R., see Belinsky V., et al. **283**, 1018
Ruiz Cobo B., del Toro Iniesta J.C.: On the sensitivity of Stokes profiles to physical quantities **283**, 129

Rutten R.G.M., Dhillon V.S., Horne K., Kuulkers E.: Spectral eclipse mapping of the accretion disk in the nova-like variable UX Ursae Majoris **283**, 441
Sabbadin F., see Iijima T., et al. **283**, 919
Sahrling M.: Beyond the mean-potential approximation in the calculation of thermonuclear reaction rates in dense stars **283**, 1004
Sanahuja B., see Vílchez-Gómez R., et al. **283**, 37
Sandage A., Diethelm R., Tammann G.A.: The $P-L$ relation for RR Lyrae-like stars with $0.8^d < P < 3^d$ **283**, 111
Sanz Fernández de Córdoba L., see Mas-Hesse J.M., et al. **283**, L9
Sareyan J.P., see Belmonte J.A., et al. **283**, 121
Sarris E.T., see Mangeney A., et al. **283**, 982
Schaller G., see Charbonnel C., et al. **283**, 155
Schastok J., Soffel M., Ruder H.: A contribution to the study of fortnightly and monthly zonal tides in UT 1 **283**, 650
Schmider F.X., see Belmonte J.A., et al. **283**, 121
Schmidt W., Balthasar H.: Polarimetry and spectroscopy of a simple sunspot. III. Velocity and magnetic field of sunspot umbral dots **283**, 241
Schmitt H.R., see Bica E., et al. **283**, 805
Schmitt J.H.M.M., see Ottmann R. **283**, 871
Schöniger F., Sofue Y.: CO versus H I in the Tully-Fisher relation for a sample of 32 galaxies **283**, 21
Scudellaro P., see Busarello G., et al. **283**, 717
Seetha S., see Ashoka B.N., et al. **283**, 455
Seetha S., see Kasturirangan K., et al. **283**, 435
Seetha S., see Marar T.M.K., et al. **283**, 698
Serabyn E., see Thum C., et al. **283**, 582
Sharma M.R., see Marar T.M.K., et al. **283**, 698
Shchekinov Y., see Cammerer M. **283**, 845
Sidher S., see Rochester G.K., et al. **283**, 884
Skinner G.K., see Maisack M., et al. **283**, 841
Soffel M., see Schastok J., et al. **283**, 650
Sofue Y., see Schöniger F. **283**, 21
Solanki S.K., Montavon C.A.P., Livingston W.: Infrared lines as probes of solar magnetic features. VII. On the nature of the Evershed effect in sunspots **283**, 221
Speroni N., see Brand J., et al. **283**, 716 ***(103, 541)***
Sreenivasaiah K.V., see Marar T.M.K., et al. **283**, 698
Starck J.-L., Bijaoui A., Lopez B., Perrier C.: Image reconstruction by the wavelet transform applied to aperture synthesis **283**, 349
Steiner J.E., see Diaz M.P. **283**, 508
Strafella F., see Iijima T., et al. **283**, 919
Strassmeier K.G.: Chromospheric activity in G and K giants: the spectroscopic data base **283**, 714 ***(103, 413)***
Strom R., see Klein U., et al. **283**, 729
Sumner T.J., see Rochester G.K., et al. **283**, 884
Sunyaev R., see Maisack M., et al. **283**, 841
Takalo S.J.L., see Piirola V., et al. **283**, 163
Tallon-Bosc I., see Mourard D., et al. **283**, 705
Tammann G.A., see Sandage A., et al. **283**, 111
Teräsranta H., Valtaoja E.: Brightness temperatures and viewing angles for extragalactic radio sources: a test of unification schemes for active galactic nuclei **283**, 51
Terranegra L., see Chavarría-K. C., et al. **283**, 963
Tessier E., Bouvier J., Lacombe F.: Speckle imaging of T Tauri stars in the L and M near-IR bands **283**, 827
Thé P.S., see van Genderen A.M., et al. **283**, 89
Thompson M.J., see Monteiro M.J.P.F.G., et al. **283**, 247
Thum C., Matthews H.E., Martín-Pintado J., Serabyn E., Planesas P., Bachiller R.: A submillimeter recombination line maser in MWC 349 **283**, 582
Tofani G., see Brand J., et al. **283**, 716 ***(103, 541)***
Torkelsson U., Brandenburg A.: Turbulent accretion disk dynamos **283**, 677
Torrelles J.M., see Eiroa C., et al. **283**, 973
Trigilio C., see Leone F., et al. **283**, 908
Trussoni E., see Bodo G., et al. **283**, 655
Umana G., see Leone F., et al. **283**, 908
Umapathy C.N., see Marar T.M.K., et al. **283**, 698
Upadhyaya N., see Marar T.M.K., et al. **283**, 698
Vakili F., see Mourard D., et al. **283**, 705
Valtaoja E., see Teräsranta H. **283**, 51
Valtier J.C., see Belmonte J.A., et al. **283**, 121
Vanzani V., see Marzari F. **283**, 275
van der Klis M.: A comparison of the power spectra of Z and atoll sources, pulsars and black hole candidates **283**, 469
van de Weygaert R.: Fragmenting the Universe. III. The construction and statistics of 3-D Voronoi tessellations **283**, 361
van Dishoeck E.F., see Helmich F.P., et al. **283**, 626
van Genderen A.M., de Groot M.J.H., Thé P.S.: The optical and near infrared variability of η Carinae: a binary luminous blue variable? **283**, 89
Vauclair S., see Charbonnel C., et al. **283**, 155
Vázquez M., see Rodríguez Hidalgo I., et al. **283**, 263
Véron P.: **(RN)** Redshift and nature of two BL Lacertae objects: PKS 0306+102 and S3 0503−04 **283**, 802
Vidal I., see Belmonte J.A., et al. **283**, 121
Vigneau J., see Muller R., et al. **283**, 232
Vilchez J., see Dottori H., et al. **283**, 753
Vílchez-Gómez R., Pelló R., Sanahuja B.: Detection of intracluster light in the rich clusters of galaxies Abell 2390 and Cl 1613+31 **283**, 37
Vilhu O., see Piirola V., et al. **283**, 163
Waelkens C., see Mathias P., et al. **283**, 813
Wang H., see Liu Y., et al. **283**, 215
Way M.J., see Quintana H., et al. **283**, 722
Werner K., see Jordan S., et al. **283**, 475
White G.J.: CO and *C* I observations of shock-excited gas in IC 443C **283**, L25
Wielebinski R., see Klein U., et al. **283**, 729
Willmes D.E., see Kandrup H.E. **283**, 59
Wouterloot J.G.A., see Brand J. **283**, 715 ***(103, 503)***
Wu X.-J., see Zhang C.-M., et al. **283**, 889
Yang G.-C., see Zhang C.-M., et al. **283**, 889
Začs L.: A spectroscopic analysis of barium stars **283**, 937
Zaninetti L.: Percolation and synchrotron emission. III. Interaction between galaxies in two dimensions **283**, 417
Zboril M., see Zverko J., et al. **283**, 932
Zeippen C.J., see Biémont E., et al. **283**, 339
Zhang C.-M., Wu X.-J., Yang G.-C.: The crust screen model for the magnetic field of binary X-ray sources **283**, 889
Zhang H., see Liu Y., et al. **283**, 215
Zhang H.L., Graziani M., Pradhan A.K.: Atomic data from the iron project. III. Rate coefficients for electron impact excitation of boron-like ions: Ne VI, Mg VIII, Al IX, Si X, S XII, Ar XIV, Ca XVI and Fe XXII **283**, 319
Zheng W., see Keel W.C., et al. **283**, 791
Zijlstra A.A., see Bedding T.R. **283**, 955
Zirin H., see Liu Y., et al. **283**, 215
Žižňovský J., see Zverko J., et al. **283**, 932
Zverko J., Zboril M., Žižňovský J.: Abundance determination in the CP star 21 Canum Venaticorum by means of spectrum synthesis **283**, 932